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5. The method defined in claim 2 wherein the RFID/RFDC device is incorporated within pager.

6. The method defined in claim 1 wherein the identity of the marker tag is sent to the host in response to a request from the host computer system.

7. The method defined in claim 1 wherein the RFID/RFDC device receives signals from more than one marker tag, the method further comprising processing the received signals to determine the identity of the marker tag that is closest to the RFID/RFDC device.

8. The method defined in claim 7 wherein the signal strength of the signals received from the marker tags are processed to determine the identity of the marker tag that is closest to the RFID/RFDC device.

9. A system for tracking the location of an asset with a plurality of marker tags located at known locations, comprising:

a radio frequency identification and radio frequency data communication (RFID/RFDC) device associated with the asset, wherein the RFID/RFDC device:

sends interrogations signals to the plurality of marker tags;

receives a signal from a marker tag; and

processes the signal to identify the marker tag; and

a host computer system that receives the identity of the marker tag from the RFID/RFDC device and determines the location of the RFID/RFDC device from the identity of the marker tag.

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frequency data communication (RFID/RFDC) devices,
comprising:

5 sending interrogation signals from the
plurality of stationary RFID/RFDC devices to the
locator tags;

 receiving signals with the RFID/RFDC
devices from locator tags that are in range of the
RFID/RFDC devices;

10 processing the signals with the
RFID/RFDC devices to determine the identity of the
locator tags that are in range of each RFID/RFDC
device;

 sending the identity of the locator tags
from each RFID/RFDC device to a host computer system,
15 wherein the location of each RFID/RFDC device is known
by the host computer system; and

 processing the identity of the locator
tags that are received by the host computer system to
determine the locations of the assets.

20 18. The method defined in claim 17 wherein a
given locator tag is identified to be in range of at
least two RFID/RFDC devices, the method further
comprising determining which RFID/RFDC device is closer
to the given locator tag.

25 19. The method defined in claim 18 wherein
the signal strengths received by the at least two
RFID/RFDC devices from the given marker tag are used to
determine which RFID/RFDC device is closer to the given
locator tag.

20. A system for tracking the location of a plurality of assets that include locator tags, comprising:

5 a plurality of radio frequency identification and radio frequency data communication (RFID/RFDC) devices located at known locations, wherein the RFID/RFDC devices:

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send interrogation signals to the plurality of assets;

10 receive signals from the locator tags associated with the plurality of assets; and process the signals from the locator tags to identify the locator tags that are in range of each RFID/RFDC device; and

15 a host computer system that receives the identity of the locator tags that are in range of each RFID/RFDC device and determines the location of the assets from the known locations of the RFID/RFDC devices and the identity of the locator tags that are
20 in range of each RFID/RFDC device.

21. The system defined in claim 20 wherein a given locator tag is identified to be in range of at least two RFID/RFDC devices and wherein the host computer system determines which RFID/RFDC device is
25 closer to the given locator tag.

22. The system defined in claim 21 wherein the signal strengths received by the at least two RFID/RFDC devices from the given locator tag are used by the host computer system to determine which
30 RFID/RFDC device is closer to the given locator tag.

23. A radio frequency (RF) tag comprising:
at least two antennas; and
a switching mechanism that is connected
to the at least two antennas, wherein the switching
mechanism is activated by a remote signal, and wherein
the switching mechanism switches from one antenna to
another antenna in response to the remote signal.

24. The RF tag defined in claim 23 wherein
the remote signal is an ultra-sonic signal.

25. The RF tag defined in claim 23 wherein
the remote signal is a wireless signal.

26. The RF tag defined in claim 23 wherein
there are three antennas.

27. The RF tag defined in claim 26 wherein
each of the antennas has a maximum directionality and
wherein the maximum directionalities of the antennas
are approximately orthogonal to each other.

28. A system for determining inventory in a
section of a warehouse, wherein the inventory is
associated with locator tags that include switching
mechanisms that are (1) coupled to a plurality of
antennas and (2) activated by a wireless signal wherein
the switching mechanism switches from one antenna to
another antenna in response to the wireless signal,
comprising:

a plurality of radio frequency
identification and radio frequency data communication
(RFID/RFDC) devices located in the section of the
warehouse, wherein the RFID/RFDC devices:

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tags;           receive signals from the locator
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process the signals from the locator tags to identify the locator tags that are in range of the RFID/RFDC device; and

10 a host computer system that receives the
identity of the locator tags that are in range of each
RFID/RFDC device for each polling and determines the
total inventory of the section of the warehouse.